

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE REMOVAL OF THE EXISTING PEDESTRIAN TRAFFIC CONTROL SIGNALS AND THE INSTALLATION OF NON-INVASIVE PROBES AT THE INTERSECTION OF MD 140 (TANEYTOWN PIKE) AND SUFFOLK ROAD/GREEN MILL ROAD IN CARROLL COUNTY, MARYLAND. MD 140 (TANEYTOWN PIKE) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE EXISTING ALTERNATE PEDESTRIAN PHASE WILL BE REMOVED.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)

STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)

STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. JOHN CONCANNON
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 624-8140/8141

MR. RAY JOHNSON
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 624-8105

MS. ANDREA ABEND
DISTRICT UTILITY ENGINEER
PHONE: (301) 624-8115/8116

CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1002	1 EACH	MAINTENANCE OF TRAFFIC
8007	1 EACH	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT PER ASSIGNMENT
8013	115 L.F.	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - BORED
8015	20 L.F.	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - TRENCHED
8017	2 EACH	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
8018	4 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

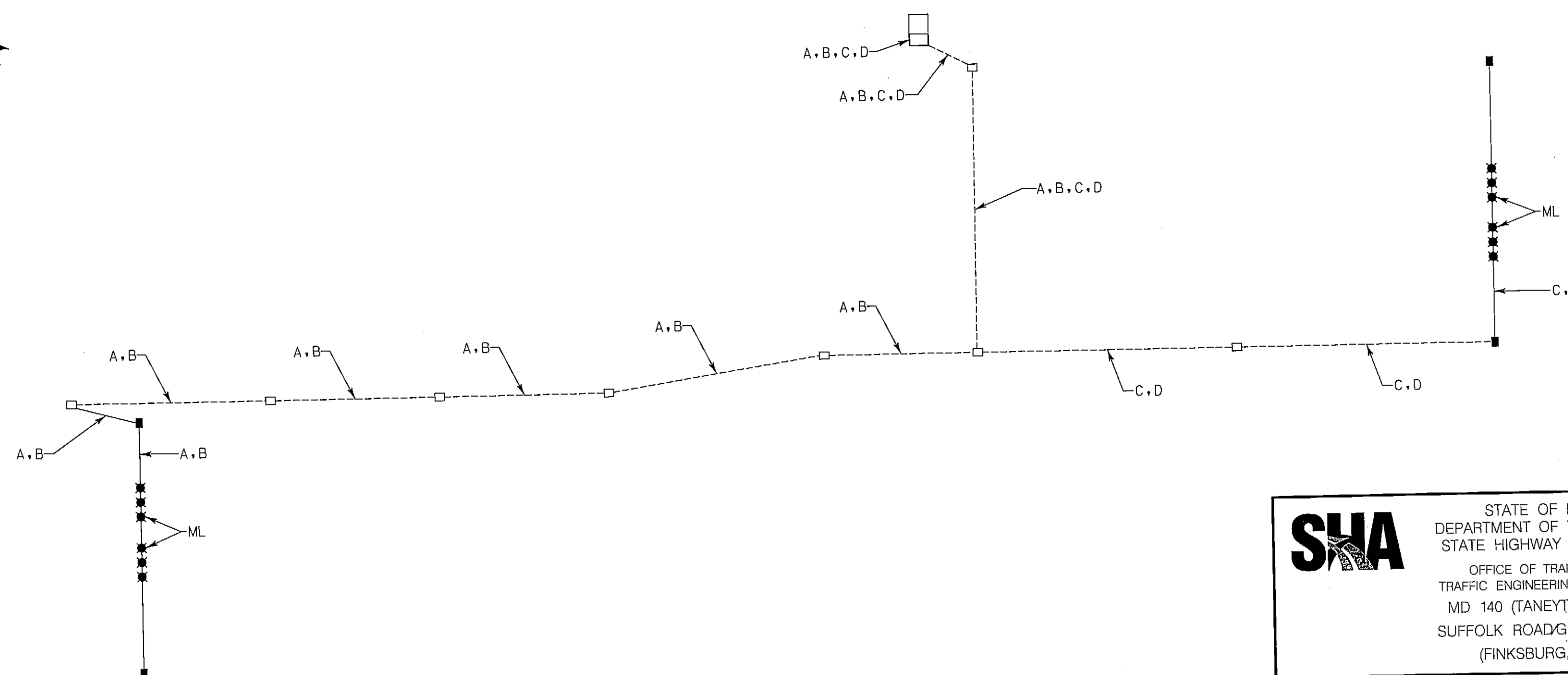
1. NONE

WIRING DIAGRAM

PHASE CHART

1	2	3	4	5	6	7	8	9	10	11	12
(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)
(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)

PHASE 1 + 5	← G	← G	R	R	← G	← G	R	R	R	R	R	R
1 + 5 CHANGE	PHASE 1 + 5 MAY CHANGE TO PHASE 1 + 6, PHASE 2 + 5 OR PHASE 2 + 6											
PHASE 1 + 6	← G	← G	G	G	← R	← R	R	R	R	R	R	R
1 + 6 CHANGE	← Y	← Y	G	G	← R	← R	R	R	R	R	R	R
PHASE 2 + 5	← R	← R	R	R	← G	← G	G	G	R	R	R	R
2 + 5 CHANGE	← R	← R	R	R	← Y	← Y	G	G	R	R	R	R
PHASE 2 + 6	← R	← R	G	G	← R	← R	G	G	R	R	R	R
2 + 6 CHANGE	← R	← R	Y	Y	← R	← R	Y	Y	R	R	R	R
PHASE 4 + 8	← R	← R	R	R	← R	← R	R	R	G	G	G	G
4 + 8 CHANGE	← R	← R	R	R	← R	← R	R	R	Y	Y	Y	Y
FLASHING OPERATION	← FLR	← FLR	FLY	FLY	← FLR	← FLR	FLY	FLY	FLR	FLR	FLR	FLR



WIRING KEY

A
B
C
D } MICROLOOP PROBE LEAD-IN

ML - MICROLOOP PROBE SET

TOD NO: XX649-08
SHA NO: C1222852
MD 140 from Sandymount Rd to W. of MD 91



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 140 (TANEYTOWN PIKE) AND
SUFFOLK ROAD/GREEN MILL ROAD
(FINKSBURG, MARYLAND)

GENERAL INFORMATION SHEET

SCALE NONE DATE FEBRUARY 2013 CONTRACT NO. XX6495185

DESIGNED BY K. FISHER COUNTY CARROLL
DRAWN BY K. FISHER LOGMILE 06014003.29
CHECKED BY N. Leary TMS NO. 1731
F.A.P. NO. TOD NO.

TS NO. 1932 C DRAWING TSP-02 OF 2 SHEET NO. 2 OF 2

PLOTTED: February 08, 2013
FILE: N:\31659-259\CADD\TSP-N002-MD140.dgn



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